

Translation

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PCT REQUEST

2003S00629EN

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| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.11.2003) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Japan Patent Office (RO/JP) |
| 0-7 | Applicant's or agent's file reference | 2003S00629EN |
| I | Title of invention | Method for Manufacturing Hot Rolled Steel Strip and Apparatus for Manufacturing the Same |
| II | Applicant | |
| II-1 | This person is: | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | JFE STEEL CORPORATION |
| II-5 | Address: | 2-3,Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan |
| II-6 | State of nationality | JP |
| II-7 | State of residence | JP |
| II-8 | Telephone No. | 81-3-3597-3440 |
| II-9 | Facsimile No. | 81-3-3597-3445 |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is: | applicant and inventor |
| III-1-2 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | AOE, Shinichiro |
| III-1-5 | Address: | c/o JFE R&D Corporation 1-1, Minamiwataridacho, Kawasaki-ku Kawasaki-shi, Kanagawa 210-0855 Japan |
| III-1-6 | State of nationality | JP |
| III-1-7 | State of residence | JP |

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| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is: | applicant and inventor |
| III-2-2 | Applicant for | US only |
| III-2-4 | Name (LAST, First) | KOBAYASHI, Masaki |
| III-2-5 | Address: | c/o Intellectual Property Department, JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011 Japan |
| III-2-6 | State of nationality | JP |
| III-2-7 | State of residence | JP |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is: | applicant and inventor |
| III-3-2 | Applicant for | US only |
| III-3-4 | Name (LAST, First) | HAYASHI, Hiromasa |
| III-3-5 | Address: | c/o JFE R&D Corporation 1-1, Minamiwataridacho, Kawasaki-ku Kawasaki-shi, Kanagawa 210-0855 Japan |
| III-3-6 | State of nationality | JP |
| III-3-7 | State of residence | JP |
| III-4 | Applicant and/or inventor | |
| III-4-1 | This person is: | applicant and inventor |
| III-4-2 | Applicant for | US only |
| III-4-4 | Name (LAST, First) | YUASA, Daijiro |
| III-4-5 | Address: | c/o Intellectual Property Department, JFE Steel Corporation 2-3, Uchisaiwai-cho 2-chome Chiyoda-ku, Tokyo 100-0011 Japan |
| III-4-6 | State of nationality | JP |
| III-4-7 | State of residence | JP |
| III-5 | Applicant and/or inventor | |
| III-5-1 | This person is: | applicant and inventor |
| III-5-2 | Applicant for | US only |
| III-5-4 | Name (LAST, First) | TOMIYAMA, Masaji |
| III-5-5 | Address: | c/o Intellectual Property Department, JFE STEEL CORPORATION 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan |
| III-5-6 | State of nationality | JP |
| III-5-7 | State of residence | JP |

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| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent |
| IV-1-1 | Name (LAST, First) | OCHIAI, Kenichiro |
| IV-1-2 | Address: | c/o Intellectual Property Department, JFE Steel Corporation 2-3,Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan |
| IV-1-3 | Telephone No. | 03-3597-3440 |
| IV-1-4 | Facsimile No. | 03-3597-3445 |
| IV-1-5 | Agent's registration No. | 10596 |
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | CN KR US |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 27 August 2002 (27.08.2002) |
| VI-1-2 | Number | 2002-247462 |
| VI-1-3 | Country | JP |
| VI-2 | Priority claim of earlier national application | |
| VI-2-1 | Filing date | 05 March 2003 (05.03.2003) |
| VI-2-2 | Number | 2003-059120 |
| VI-2-3 | Country | JP |

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| VI-3 | Priority claim of earlier national application | | |
| VI-3-1 | Filing date | 19 March 2003 (19.03.2003) | |
| VI-3-2 | Number | 2003-075121 | |
| VI-3-3 | Country | JP | |
| VI-4 | Priority claim of earlier national application | | |
| VI-4-1 | Filing date | 26 May 2003 (26.05.2003) | |
| VI-4-2 | Number | 2003-147108 | |
| VI-4-3 | Country | JP | |
| VI-5 | Priority document request | | |
| | The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1, VI-2, VI-3, VI-4 | |
| VI-1 | International Searching Authority Chosen | Japan Patent Office (JPO) (ISA/JP) | |
| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | — | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | — | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | 3 | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | — | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | — | |

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| VIII-3-1 | Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)): Name: | in relation to this international application JFE STEEL CORPORATION is entitled to claim priority of earlier application No. 2002-247462 by virtue of the following: |
| VIII-3-1 (viii) | | the applicant's name changed from NKK CORPORATION to JFE STEEL CORPORATION on 24 April 2003 (24.04.2003) |
| VIII-3-1 (ix) | This declaration is made for the purposes of: | all designations |

| | | |
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| VIII-3-2 | Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)): Name: | in relation to this international application JFE STEEL CORPORATION is entitled to claim priority of earlier application No. 2003-059120 by virtue of the following: |
| VIII-3-2 (viii) | | the applicant's name changed from NKK CORPORATION to JFE STEEL CORPORATION on 24 April 2003 (24.04.2003) |
| VIII-3-2 (ix) | This declaration is made for the purposes of: | all designations |

| | | |
|--------------------|---|---|
| VIII-3-3 | Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)): Name: | in relation to this international application JFE STEEL CORPORATION is entitled to claim priority of earlier application No. 2003-075121 by virtue of the following: |
| VIII-3-3 (viii) | | the applicant's name changed from NKK CORPORATION to JFE STEEL CORPORATION on 24 April 2003 (24.04.2003) |
| VIII-3-3 (ix) | This declaration is made for the purposes of: | all designations |

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| IX | Check list | number of sheets | electronic file(s) attached |
|-------|--|---|------------------------------------|
| IX-1 | Request (including declaration sheets) | 8 | — |
| IX-2 | Description | 32 | — |
| IX-3 | Claims | 6 | — |
| IX-4 | Abstract | 1 | — |
| IX-5 | Drawings | 23 | — |
| IX-7 | TOTAL | 70 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | ✓ | — |
| IX-9 | Original separate power of attorney | ✓ | — |
| IX-17 | PCT-EASY diskette | — | Diskette |
| IX-18 | Other (specified): | "[.t, ., é è "—z, É'Š" —, ., é"Á<—ó t, ð"\.t , μ, ½ '—Ê | — |
| IX-18 | Other (specified): | ' Û --±<Ç, îæû À, Ö, î U ,ý, ð Ø—¼, ., é ' —Ê | — |
| IX-19 | Figure of the drawings which should accompany the abstract | 2 | |
| IX-20 | Language of filing of the International application | Japanese | |
| X-1 | Signature of applicant, agent or common representative | | |
| X-1-1 | Name (LAST, First) | OCHIAI, Kenichiro | |

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| 10-1 | Date of actual receipt of the purported International application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/JP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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| 11-1 | Date of receipt of the record copy by the International Bureau | |
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